

IPD 0549-61  
1 February 1961

MEMORANDUM FOR: The Record

SUBJECT: Conference on SSB Communications Equipment for  
IDEALIST Program

1. A meeting was held on 26 January 1961 at which time the proposed SSB program was discussed. In attendance were:

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- LAC  
- LAC  
- USAF, SAC  
- IPD  
- IPD  
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- IPD

2. [REDACTED] reported that 3 each Collins GLE-T SSB transmitters had been procured and were in the plant. All necessary engineering for the installation has been completed, but they have held up the actual installation at Headquarters request.

3. The question of available battery power after flame out was discussed. [REDACTED] pointed out that D.C. generator power is available down to about 25% or 30% of normal speed. Since the power for the GLE-T SSB equipment will obtain its power from a new instrument inverter operating off the D.C. circuit, this will provide SSB energy down to about 30% speed due to engine windmilling.

4. [REDACTED] advised that the frequency coverage of the GLE-T would be 5 to 24 MC. This required the addition of an antenna coupling unit.

5. [REDACTED] was queried as to what communications equipment was aboard the KC-135 tankers and volunteered the following list:

A. AN/ARC-34 with AN/ARA-25 UHF/DF

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NO CHANGE IN CLASS. ☒  
☐ DECLASSIFIED  
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3. AN/ARC-75 or AN/ARC-65, H.F. single side band transceiver. The latter is used for communications with the nearest SAC base via the SAC network. This could provide a call back capability, via the SAC net, at the refueling point.

25X1A

  
Chief, Communications Section  
DPD-DD/P

Distribution:

- 1 - IFD/Commo
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- 1 - IFD/COFS
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- 1 - IFD/LOGS
- 1 - IFD/HI